



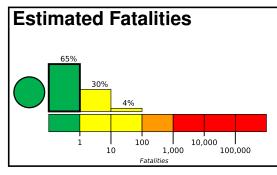


#### **PAGER** Version 5

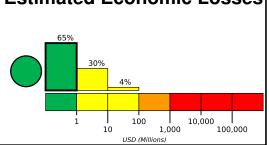
Created: 1 day, 0 hours after earthquake

# M 6.0, 94 km W of Tobelo, Indonesia

Origin Time: 2023-11-22 02:48:51 UTC (Wed 11:48:51 local) Location: 1.7992° N 127.1662° E Depth: 102.0 km



Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likelihood of casualties and damage.



**Estimated Population Exposed to Earthquake Shaking** 

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	74k*	1,085k	1k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

<sup>\*</sup>Estimated exposure only includes population within the map area.

population per 1 sq. km from Landscan

#### **Structures**

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

## **Historical Earthquakes**

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
2007-01-21	118	7.5	VI(283k)	3
1994-10-08	346	6.8	VII(5k)	1
1994-01-21	107	6.9	IX(28k)	7
	(UTC) 2007-01-21 1994-10-08	(UTC) (km) 2007-01-21 118 1994-10-08 346	(UTC)         (km)           2007-01-21         118         7.5           1994-10-08         346         6.8	(UTC)         (km)         MMI(#)           2007-01-21         118         7.5         VI(283k)           1994-10-08         346         6.8         VII(5k)

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	( <b>km</b> ) 118 346	(km) 118 7.5 346 6.8	118 7.5 VI(283k) 346 6.8 VII(5k)

## **Selected City Exposure**

fron	n GeoNames.org	
M	MI City	Population
IV	Tongutisungi	<1k
IV	Susupu	<1k
IV	Jailolo	<1k
IV	Tobelo	10k
IV	Sofifi	36k
IV	Ternate	102k
IV	Daruba	<1k
IV	Jambula	<1k
IV	Subaim	<1k
IV	Basiong	<1k
IV	Kota Ternate	<1k

bold cities appear on map.

(k = x1000)

Population Expos	sure
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						i i sq. kili iloi	III Lanascan
0	5	50	100	500 1	1000	5000	10000
Mana	alu 126.1°	, E	127.	.2 ° E		128.4°E	
E							5
<b>0</b> 2.2 ° N				,	5 0		
•					7		
1.100		•	*	Tongu Susupu	Tobe	<b>&gt;</b>	3
1.1 ° N				OTernate		ubaim Buli	
			ated and only o	O Malifud		km 50	100

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.